

Furnish and Installation of a New 4" Well (150 FT Deep Minimum) and the Abandonment of the existing well at P.E.A.R Park 4800 University Rd. Leesburg, FL 34748

- 1.01 SCOPE OF WORK: Provide all labor, materials, equipment, fuel and other incidental costs and supervision necessary for the installation of a new 4" Well and the abandonment of the existing well. All work and equipment shall be in strict compliance with the latest codes, standards and practices. **The County will provide electrical service within Five (5) feet of the new 4" well. The well contractor is responsible for the final connections and start up. Turn- key by well contractor. Field verification by contractor is recommended.**

Misc. Items to be noted:

- 4" Well drilling 1st 150 FT minimum charge.....
- 4" Casing per foot over 150 FT...../FT
- 4" Drilling per foot over 150 FT...../FT
- Pulling pump & reinstalling (1HR).....
- Pulling pump charge per hour over 1st HR.....
- 5 HP Goulds sub pump & C/B (80 GS).....
- 10/4 sub cable.....
- 2" galvanized drop pipe.....
- Splice kit.....
- Challenger PC 66 tank.....
- 2" Cycle stop valve.....
- 2" Well head fittings.....
- Public supply well grouting and platform.....
- Lake County well construction permit.....
- Florida DOH well construction permit.....
- Abandonment of the existing well.....
- Set up- Mobilize & Demobilize of Equipment
- & materials to grout well.....
- Pulling pump charge for removal (1st hour).....
- Bentonite hole plug (based upon 200 ft depth).....
- Grout per bag.....
- Lake County well abandonment permit.....

1.02 SUBMITTALS:

- A. Submit product data/specification and shop drawings to Park and Trails Division for review and approval of all items of work.
- B. All submittals to be approved by Parks and Trails Division prior to contractor delivering materials to site

1.03 FIELD CONDITIONS: Verify and coordinate all work to field locations and dimensions. Contractor is responsible for the installation of temporary construction fencing and signage to safely enclose the work area along with silt fencing the entire perimeter of work site.

1.04 PRODUCT HANDLING:

A. Deliver products to site in manufacturer's containers or packaging.

B. Store in secure and weather protected area.

C. Return all damaged products to manufacturer.

PART II – PRODUCTS

2.01 MATERIALS: Provide products as called for on the drawing and specified herein. See furnishing schedule and descriptions on drawings for specific products and Manufacturer's specs.

PART III – EXECUTION

3.01 WORKMANSHIP:

A. All furnishings described herein shall be installed by qualified tradesman. All installation work and materials to be per manufacturer's specifications, or as directed by the Owner's Representative.

B. All work and materials are subject to the approval of the County.

C. All products shall be inspected by the County for damage and chipped or marred finish. Contractor shall replace any damaged or rejected products at no additional cost to the owner. The owner's representative may at his option authorize acceptance of chipped or scratched painted surfaces repaired by contractor at his own risk.

3.1 INSTALLATION

- A. Install furnishing in locations as indicated on the plans and details. Assure that all furnishings are installed plumb and level and in accordance with the plans and details.
- B. Install as per manufacturer's specifications

3.2 ACCEPTANCE

- A. The County will review each installation to determine compliance with plans and specifications prior to final acceptance of the work.
- B. Any work not installed in accordance with the plans and specifications and rejected by the County shall be removed and replaced at the Contractor's expense.

3.3 GUARANTEES

- A. The contractor shall furnish warranties in writing certifying that the quality and workmanship of all materials and installation furnished is in accordance with these specifications and in accordance with the original manufacturers' warranties. The contractor shall warrant the installation workmanship for a period of one year from the date of final acceptance of the job, or any accepted portion of the job.

3.4 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment.